

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001398**Date Inspected:** 06-Feb-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1230**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Fu Yu Hong**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower Mock-up**Summary of Items Observed:**

CALTRANS Quality Assurance (QA) Inspector, Alfredo Acuna was present for the fabrication scheduled for this project at the ZPMC facility in Shanghai, China for the San Francisco Oakland Bay Self Anchored Suspension Bridge.

Tower Shop (Tower Mock-up 77 M)

The QA inspector recorded two cracks located at the Tower Mock-up 77 M segment. The cracks were located at joint MUSA-SA-95-15(found by the Contractor)and MUSA-SA-104-A/B-21 (found by Caltrans QA

Representative Larry Viars). The QA had a conversation with Caltrans Structural Representative Joshua T.

Ishibashi. The QA inspector informed to Mr. Joshua T. Ishibashi that other crack not recorded by ZPMC was

located at the top section of the weld joint MUSA-SA-104-A/B-21. The QA inspector had a conversation with

ZPMC QC representative Shen Xue Jun. The QA inspector brought to the attention of Mr. Shen Xue Jun that a

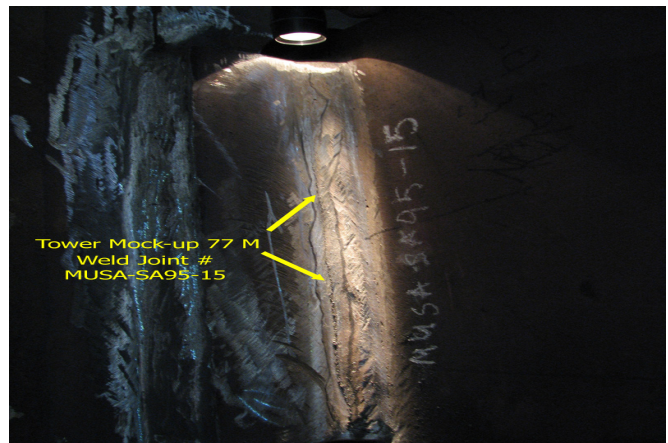
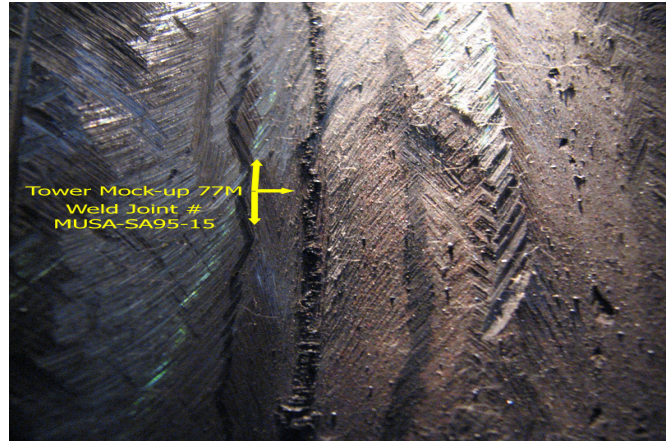
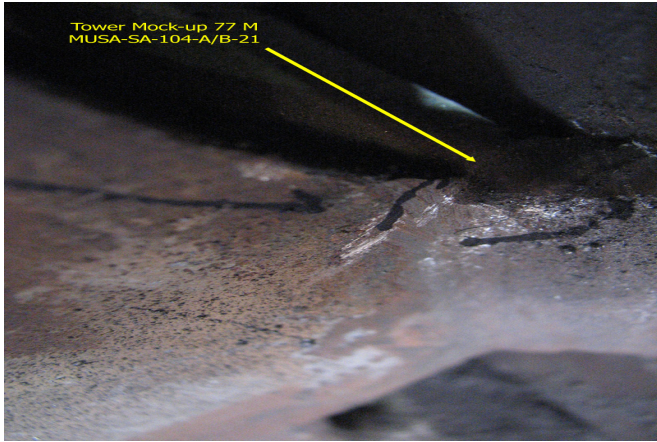
crack was found by Caltrans representatives at the junction of the joint # MUSA-SA-104-A/B-21. ZPMC

representative agreed with the QA inspectors assessment. The digital photographs below depict the areas

identified by ZPMC and Caltrans with cracks on the welds.

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Summary of Conversations:

As noted above.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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Inspected By: Acuna,Alfredo

Quality Assurance Inspector

Reviewed By: Cuellar,Robert

QA Reviewer